

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (Currently Amended). A vertebral body replacement comprising:
a body with a top, a bottom, an anterior face, a posterior face, and two, opposing
growth hole faces, wherein the body is asymmetric when viewed from the top
and wherein one of the growth hole faces is a planar face and the other growth
hole face is arcuate, extending outwardly, between the anterior face and the
posterior face when viewed from the top;
at least one passage passing through the body from the top to the bottom;
wherein at least one protrusion is formed on at least one of the top and the bottom;
wherein at least one hole is provided in each growth hole face extending through the
growth hole face; and
wherein the top includes a plurality of serrations and at least one elongated groove
that extends generally through at least two of the plurality of serrations, along
the top, through the posterior face, and parallel to the planar face, the at least
one elongated groove having a width to receive a channel insertion tool, and

teeth forming the serrations providing openings generally orthogonal to the at least one elongated groove; and
wherein the bottom includes at least one groove that extends generally parallel to the planar face and has a width to receive a channel insertion tool.

Claim 2 (Previously Presented). The vertebral body replacement of claim 1, wherein the at least one groove of the top includes at least one continuous groove that extends through a full portion of the top.

Claim 3 (Withdrawn). The vertebral body replacement of Claim 1, wherein the at least one groove of the top includes at least one discontinuous groove that extends through a partial portion of the top.

Claim 4 (Original). The vertebral body replacement of Claim 1, wherein the at least one groove is capable of being received by an installation tool for insertion into a intervertebral space.

Claim 5 (Cancelled).

Claim 6 (Previously Presented). The vertebral body replacement of Claim 1, wherein the arcuate face has a curved shape that acts as an integral protrusion to provide stability.

Claim 7 (Original). The vertebral body replacement of Claim 1, further comprising a second vertebral body replacement identical in construction to the vertebral body replacement and wherein the vertebral body replacement and the second vertebral body replacement are capable of being inserted adjacent one another into an intervertebral space.

Claim 8 (Original). The vertebral body replacement of Claim 7, wherein said second vertebral body replacement includes two second growth hole faces, with at least one being a second planar face, and wherein the second planar face is oriented parallel to said planar face of said vertebral body replacement when the vertebral body replacement and second vertebral body replacement are inserted adjacent one another in the vertebral space.

Claim 9 (Original). The vertebral body replacement of Claim 1, wherein the two growth hole faces include four spaced holes.

Claim 10 (Original). The vertebral body replacement of Claim 1, wherein the anterior face is formed as a rounded portion that facilitates minimally invasive insertion of the vertebral body replacement.

Claim 11 (Withdrawn). A method of inserting vertebral body replacements comprising:

providing a first vertebral body replacement having a body with a top, bottom, an anterior face, a posterior face, and two growth hold faces, including at least one first planar face; at least one passage passing through the body; wherein the top and the bottom include a plurality of serrations; wherein at least one hole is provided that extends through the two growth hole faces; and wherein the top and the bottom each include at least one groove that extends parallel to the planar face;

providing a second vertebral body replacement having a second body with a second top, a second bottom a second anterior face, a second posterior face, and two second growth hole faces, including at least one second planar face; at least one passage passing through the second vertebral body replacement; wherein the second top and the second bottom include a plurality of serrations; wherein at least on hole is provided that extends through the two growth hole faces; and wherein the second top and the second bottom each include at least one groove that extends through the plurality of serrations in the second body;

inserting the first vertebral body replacement into an intervertebral space with an insertion tool; and

inserting the second vertebral body replacement into the intervertebral space with the insertion tool, wherein the first vertebral body replacement and the second vertebral body replacement are adjacent with the first planar face and the second planar face oriented parallel to and in near contact of one another.

Claim 12 (Withdrawn). The method of Claim 11, wherein the insertion tool is received in the first insertion groove of the first vertebral body replacement during the first inserting step and in the second insertion groove of the second vertebral body replacement during the second inserting step.

Claim 13 (Withdrawn). The method of Claim 11, wherein the method further comprises: filing the at least one passage of the first vertebral body replacement and of the second vertebral body replacement with bone tissue.

Claim 14 (Cancelled).

Claim 15 (Previously Presented). The vertebral body replacement of Claim 1, wherein the top defines an upper surface and the bottom defines a lower surface, and wherein the upper surface is nonparallel to the lower surface.

Claim 16 (Withdrawn). the vertebral body replacement of Claim 1, wherein the body has a rectangular cross-section.

Claim 17 (Cancelled).

Claim 18 (Previously Presented). The vertebral body replacement of Claim 15, wherein at least one protrusion is formed on each of the upper surface and lower surface thereof.

Claim 19 (Cancelled).

Claim 20 (Previously Presented). The vertebral body replacement of Claim 1, wherein the body is composed of a biocompatible material selected from the group consisting of a biocompatible polymer, a metal, a bone material, or a combination thereof.

Claim 21 (Previously Presented). The vertebral body replacement of Claim 1, wherein the body is a section from the shaft of a femur and comprises a portion of the femur medullary cavity.

Claim 22 (Withdrawn). The vertebral body replacement of Claim 1, wherein the body further comprises a metallic sheath.

Claim 23 (Withdrawn). The vertebral body replacement of Claim 22, wherein the metallic sheath further comprises a plurality of protrusions thereon, and wherein the protrusions are capable of contacting a vertebra.

Claim 24 (Cancelled).

Claim 25 (Canceled).

Claim 26 (Previously Presented). The vertebral body replacement of Claim 1, wherein the body comprises a plurality of bonded layers.

Claim 27 (Withdrawn). The vertebral body replacement of Claim 26, wherein at least one bonded layer comprises a bone core.

Claim 28 (Withdrawn). The vertebral body replacement of Claim 27, wherein the bonded layers are bonded by an adhesive.

Claim 29 (Withdrawn). The vertebral body replacement of Claim 27, and further comprising at least one linking pin for bonding.

Claim 30 (Withdrawn). The vertebral body replacement of Claim 27, and further comprising the linking pins for bonding.

Claims 31-40 (Cancelled).

Claim 41 (Withdrawn). A method for delivering a vertebral body replacement, the method comprising:

- (a) inserting an insertion tool into an intervertebral space;
- (b) engaging at least a first guiding groove of a vertebral body replacement with a space guide of the insertion tool; and,

(c) inserting the vertebral body replacement into the intervertebral space into a vertebral body replacement receiving slot in the intervertebral space.

Claim 42 (Withdrawn). The method of Claim 41, wherein the insertion tool is rotated into a position substantially normal to a vertebra.

Claim 43 (Withdrawn). The method of Claim 41, and further comprising:

- (a) inserting a guide tool into a selected position in the intervertebral space;
- (b) sliding the insertion tool along the guide tool;
- (c) directing the insertion tool to the selected position in the intervertebral space; and
- (d) removing the guide tool from the insertion tool.

Claim 44 (Withdrawn). The method of Claim 41, further comprising the steps of:

- (a) sliding a cutting tool into the insertion tool;
- (b) contacting the vertebra with the cutting tool;
- (c) cutting the vertebral body replacement receiving slot in the intervertebral space;
- (d) removing the cutting tool; and
- (e) inserting the vertebral body replacement into the vertebral body replacement receiving slot.

Claim 45 (Withdrawn). The method of Claim 44, further comprising the method to deliver a second vertebral body replacement to the intervertebral space.

Claims 46 and 47 (Cancelled).

Claim 48 (Currently Amended). A vertebral body replacement comprising:

a body with a top, a bottom, an anterior face, a posterior face, and two, opposing growth hole faces, wherein the body is asymmetric when viewed from the top and wherein one of the growth hole faces is a planar face and the other growth hole face is arcuate, extending outwardly, between the anterior face and the posterior face when viewed from the top;

at least one passage passing through the body from the top to the bottom;

wherein at least one protrusion is formed on at least one of the top and the bottom;

wherein at least one hole is provided in each growth hole face extending through the growth hole face; and

wherein the top includes at least one elongated groove that extends generally along the top, through the anterior face and the posterior face, and parallel to the planar face and the at least one elongated groove having a width to receive a channel insertion tool;

wherein the bottom includes at least one groove that extends generally parallel to the planar face and has a width to receive a channel insertion tool; and

wherein the at least one groove of the bottom is intersected by a plane parallel to the planar growth hole face and wherein none of the at least one groove of the top are intersected by that same plane.

Claim 49 (Previously Presented). The vertebral body replacement of Claim 48, wherein the grooves are perpendicular to the posterior face.

Claim 50 (Previously Presented). The vertebral body replacement of Claim 1, wherein the at least one protrusion comprises a plurality of serrations.

Claim 51 (Previously Presented). The vertebral body replacement of Claim 1, wherein the at least one elongated groove extends generally through at least two of the plurality of serrations, along the top, and through the anterior face.

Claim 52 (Previously Presented). The vertebral body replacement of Claim 1, wherein the at least one elongated groove is sized for engagement with a channel insertion tool.